

201
4.2/10.3
HW

p 228-229 3, 5-10, 16, 20

p 236-238 5-7, 24, 26, 21

3. $\angle A \cong \angle D$

$\angle B \cong \angle E$

$\angle C \cong \angle F$

$\triangle CBA \cong \triangle FED$

5. $m\angle Y = 124^\circ$

6. $m\angle M = 33^\circ$

7. $YX = 8$

8. $\overline{YZ} \cong \overline{NL}$

9. $\triangle LNM \cong \triangle ZYX$

10. $\triangle YXZ \cong \triangle NML$

16. $\begin{array}{r} 80 \\ + 45 \\ \hline 125 \end{array}$

$\begin{array}{r} 180 \\ - 125 \\ \hline 55 \end{array}$

125

55

$\boxed{11 = x}$

20. $4x + y = 22$

$6x - y = 28$

$10x = 50$

$\boxed{x = 5}$

$\boxed{y = 2}$

$\begin{array}{r} 130 \\ + 28 \\ \hline 158 \end{array}$

180

$- 158$

22

p 236

5. False

$RS \neq TQ$

6. True

SSS

7. True

SSS

21. \rightarrow

on

back

24. $\overline{GH} \cong \overline{JK}$ $\overline{HJ} \cong \overline{KG}$

P: $\triangle GHJ \cong \triangle JKG$

① \sim

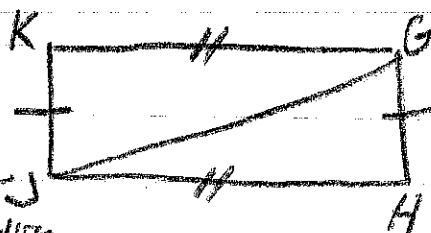
② $\overline{GJ} \cong \overline{GJ}$

③ $\triangle GHJ \cong \triangle JKG$

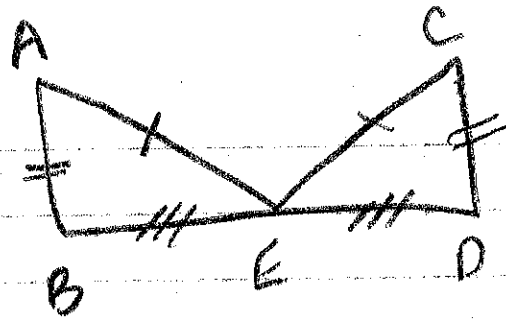
① Given

② Reflexive

③ SSS



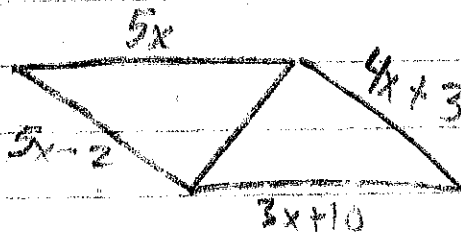
26. $\overline{AE} \cong \overline{CE}$ $\overline{AB} \cong \overline{CD}$
 E is the midpt \overline{BD}
 P: $\triangle AEB \cong \triangle CED$



- ① \sim
 ② $\overline{BE} \cong \overline{DE}$
 ③ $\triangle AEB \cong \triangle CED$

- ① GIVEN
 ② def of Midpt
 ③ SSS

21.



$$5x = 4x + 3$$

$$x = 3$$

$$5x - 2 = 3x + 10$$

$$2x = 12$$

$$x = 6$$

No Match

$$5x = 3x + 10$$

$$2x = 10$$

$$x = 5 \checkmark$$

$$5x - 2 = 4x + 3$$

$$x = 5 \checkmark$$

$$x = 5$$